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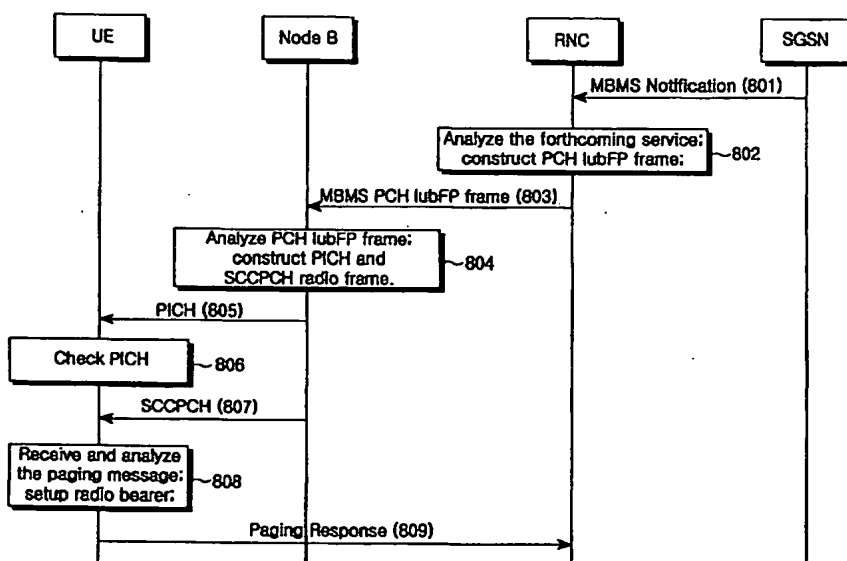
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(54) Title: MULTIMEDIA BROADCAST AND MULTICAST SERVICE PAGING



(57) **Abstract:** This invention provides a paging method for Multimedia Broadcast/Multicast Service in mobile communication system. The paging process and radio resource setup process are merged in this method to try to reduce uplink responses. This invention extends existing PCH lubFP frame structure by adding MBMS Indication bit(MI) to PCH lubFP frame. The PCH lubFP frame includes Paging Indication (PI) and Paging Message. Paging message carries MBMS service information. MBMS Service Identity or MBMS Paging Indicator is added to the reserved 12 bits in Paging Indicator Channel (PICH) frame structure. Radio Network Controller (RNC) transfers Paging Indicator Message and paging message to Base Station (Node B) so as to send over the air-interface.

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